

ABSTRACT OF DISCLOSURE

A screen printing apparatus and method in that in the print parameter setting process for setting print parameters including a squeegee movement speed, a printing pressure, and plate release conditions, a squeegee movement speed at which the squeegee is to be moved is set at the first step, then a printing pressure for realizing a desired cream solder charging state is set at the second step, and then plate release conditions for realizing a desired cream solder transfer state is set at the third step. Therefore, the print parameter setting process can be performed according to an efficient processing procedure and trial-and-error-based backward work can be avoided. Print parameters can be set quickly and properly for a wide range of solder types.